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PATENT
81788.0163

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Yoshiyuki Tanaka, et al.

Serial No: 09/130,818

Filed: August 7, 1998

For: METHOD FOR CONTROLLING NON-VOLATILE SEMICONDUCTOR MEMORY SYSTEM BY USING LOOK UP TABLE

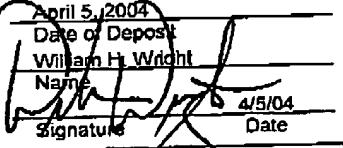
Art Unit: 2186

Confirmation No.: 6857

Examiner: David L. Robertson

OFFICIAL

I hereby certify that this correspondence is being transmitted to Group 2186 facsimile number 703-308-8606 on

April 5, 2004
Date of Deposit
William H. Wright
Name

4/5/04
Date

SUPPLEMENTAL PRELIMINARY AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Before examining the present application, please enter the following amendments:

Amendments to the claims are reflected in the listing of claims, which begins on page 2 of this paper.

Remarks/Arguments begin on page 4 of this paper.

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TO: Examiner David L. Robertson
U.S. Patent Office - Art Unit 2186

DATE: April 5, 2004

FROM: William H. Wright

TIME: _____

TOTAL NO. OF PAGES, INCLUDING COVER: 7

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MESSAGE:

Re: U.S. Patent Application No. 09/130,818, filed August 7, 1998

Attached are the following documents:

- Transmittal Letter in duplicate.
- Supplemental Preliminary Amendment

FOR INTERNAL PURPOSES ONLY

TELECOPY/FAX NUMBER: (703) 308-6606

CLIENT NUMBER: 81788.0163

ATTORNEY BILLING NUMBER: 3084

CONFIRMATION NUMBER: _____

FORM PTO-1083

PATENT
81788.0163

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
 Yoshiyuki Tanaka, et al.
 Serial No: 09/130,818
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 For: METHOD FOR CONTROLLING NON-VOLATILE
 SEMICONDUCTOR MEMORY SYSTEM BY
 USING LOOK UP TABLE

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Dear Sir:
 Transmitted herewith is a supplementary preliminary amendment in the
 above-identified application.

Art Unit: 2186

Confirmation No.: 6857

Examiner: David L. Robertson

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No additional fee is required.

The fee has been calculated as shown below:

	(Col. 1) CLAIMS REMAINING AFTER AMENDMENT	(Col. 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Col. 3) PRESENT EXTRA*	LG/SM \$ ENTITY FEE	ADD'L FEE DUE
TOTAL CLAIMS FEE	4	-	20	LG=\$18 SM=\$9	\$ 0
INDEPENDENT CLAIMS FEE	2	-	3	LG=\$86 SM=\$43	\$ 0
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS					
				LARGE ENTITY FEE = \$290 SMALL ENTITY FEE = \$145	\$
				TOTAL	\$ 0

- * If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
- ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
- *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box on Col. 1 of a prior amendment or the number of claims originally filed.

- A check in the amount of \$ 0 to cover the additional claims fee is enclosed. A copy of this sheet is enclosed.
- A check in the amount of \$ 0 to cover the extension fee is enclosed. A copy of this sheet is enclosed.
- The Commissioner is hereby authorized to charge any deficiencies of fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. A copy of this sheet is enclosed.
 - Any filing fees under 37 C.F.R. § 1.16 for the presentation of extra claims
 - Any patent application processing fees under 37 C.F.R. § 1.17

Respectfully submitted,
 HOGAN & HARTSON L.L.P.

By: William H. Wright
 William H. Wright
 Registration No. 36,312
 Attorney for Applicant(s)

Date: April 5, 2004

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